

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Eric R. Lovegren et al.

Appln. No.: 09/667,297
Filed : September 22, 2000
For : IMPROVED THRESHOLD SETTING
FOR A RADAR LEVEL TRANSMITTER

Docket No.: R11.12-0701

Group Art Unit: 2857
Examiner: J. West

AMENDMENT

Box Non-Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231 THIS

29 DAY OF *March* 2002.

[Signature]
PATENT ATTORNEY

Sir:

This Amendment is in response to the Office Action mailed on March 14, 2002, in which claims 1-20 were rejected. Applicants respectfully request that the above-identified application be amended as follows:

IN THE SPECIFICATION

Please replace the paragraph beginning on Page 16, Line 19 and ending on Page 7, Line 3 with the following paragraph:

a1
At step 70, a threshold calculation sets first threshold value T1 as a function of the estimated first pulse amplitude. In general, first threshold value T1 is set to a predetermined percentage of the estimated first pulse amplitude. The correction factor, first dielectric parameter, and second dielectric parameter, can be set by an operator who could be, for example, communicating with microprocessor system 30 over process control loop 26 from control room 24. The operator can set the parameters using a computer by either inputting the values with a keyboard and/or selecting the values from a table, which can be stored for

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